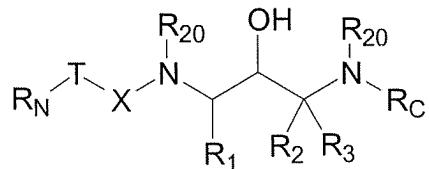


Listing of Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Previously presented) A compound of the formula:



or pharmaceutically acceptable salts or esters thereof;

wherein X is $-(\text{C}=\text{O})-$, $-(\text{C}=\text{S})-$, or $-(\text{C}=\text{N}-\text{Z})$, wherein Z $[[=]]$ is R_{20} or $-\text{OR}_{20}$;

T is NR_{20} ;

wherein each R_{20} is independently H, -CN, $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_2\text{-C}_6$ alkenyl, $\text{C}_1\text{-C}_6$ haloalkyl or $\text{C}_4\text{-C}_7$ cycloalkyl, with the proviso that when Z is R_{20} or $-\text{OR}_{20}$, R_{20} is not -CN; wherein R_1 is $-(\text{CH}_2)_{1-2}\text{-S}(\text{O})_{0-2}\text{-}(\text{C}_1\text{-C}_6$ alkyl), or $\text{C}_1\text{-C}_{10}$ alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, =O, -SH, -C≡N, -CF₃, -C₁-C₃ alkoxy, amino, mono or dialkylamino, -N(R)C(O)R'-, -OC(=O)-amino and -OC(=O)-mono- or dialkylamino, or

$\text{C}_2\text{-C}_6$ alkenyl or $\text{C}_2\text{-C}_6$ alkynyl, each of which is optionally substituted with 1, 2, or 3 groups independently

selected from halogen, -OH, -SH, -C≡N, -CF₃, C₁-C₃ alkoxy, amino, and mono- or dialkylamino, or aryl, heteroaryl, heterocyclyl, -C₁-C₆ alkyl-aryl, -C₁-C₆ alkyl-heteroaryl, or -C₁-C₆ alkyl-heterocyclyl, where the ring portions of each are optionally substituted with 1, 2, 3, or 4 groups independently selected from halogen, -OH, -SH, -C≡N, -NR₁₀₅R'₁₀₅, -CO₂R, -N(R)COR', -N(R)SO₂R', -C(=O)-(C₁-C₄) alkyl, -SO₂-amino, -SO₂-mono or dialkylamino, -C(=O)-amino, -C(=O)-mono or dialkylamino, -SO₂-(C₁-C₄) alkyl, or C₁-C₆ alkoxy optionally substituted with 1, 2, or 3 halogens, or C₃-C₇ cycloalkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C≡N, -CF₃, C₁-C₃ alkoxy, amino, -C₁-C₆ alkyl and mono- or dialkylamino, or C₁-C₁₀ alkyl optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH, -C≡N, -CF₃, -C₁-C₃ alkoxy, amino, mono- or dialkylamino and -C₁-C₃ alkyl, or C₂-C₁₀ alkenyl or C₂-C₁₀ alkynyl each of which is optionally substituted with 1, 2, or 3 groups independently selected from halogen, -OH, -SH,

-C≡N, -CF₃, C₁-C₃ alkoxy, amino, C₁-C₆ alkyl and mono- or dialkylamino; and the heterocyclyl group is optionally further substituted with oxo;

R and R' independently are hydrogen, C₁-C₁₀ alkyl, C₁-C₁₀ alkylaryl or C₁-C₁₀ alkylheteroaryl;

wherein Rc is

(I) -[-(CH₂)₍₀₋₈₎-(CH)(alkyl₁)(alkyl₂)], where alkyl₁ and alkyl₂ are straight or branched C₂₋₁₀ alkanyl, alkenyl or alkynyl, and wherein alkyl₁ and alkyl₂ attach to the same or different methylene carbon with the remaining open methylene valences occupied by hydrogen, thus forming a branched alkyl chain having between 8 and 20 carbon atoms in total;

the alkyl groups, alkyl₁ and alkyl₂ being optionally substituted with one, two or three substituents selected from the group consisting of C₁-C₃ alkyl, halogen, -OH, -SH, -C≡N, -CF₃, C₁-C₃ alkoxy, -O-phenyl, -C(O)C₁-C₃ alkyl, -NR_{1-a}R_{1-b} where R_{1-a} and R_{1-b} are -H or C₁-C₆ alkyl, -OC=O NR_{1-a}R_{1-b}, -S(=O)₀₋₂, -NR_{1-a}C=O NR_{1-a}R_{1-b}, -C=O NR_{1-a}R_{1-b}, and -S(=O)₂ NR_{1-a}R_{1-b};

(II) -(C(Rc-x)(Rc-y))₍₀₋₄₎-Rc-cycle

wherein each Rc-x and Rc-y is independently selected from:

H

C₁ - C₆ alkyl

C₁ - C₆ alkoxy

C₂-C₆ alkenyl or alkynyl

- (CH₂)₀₋₄-Rc-cycle where Rc-cycle is as defined below

or Rc-x and Rc-y may be taken together with the methylene carbon to which they jointly attach to form a spirocyclic ring of 3 to 7 atoms comprising carbon and up to 2 of O, S(O)₍₀₋₂₎ and NR_{a'}, wherein R_{a'} is H or C₁₋₄ alkyl;

wherein the spirocyclic ring may be fused to another ring to provide a bicyclic ring system comprising carbon and up to 2 of O, S(O)₍₀₋₂₎ and NR_{a'}. and comprising up to 9 atoms in total including,

Rc-cycle is aryl, heteroaryl, cycloalkyl or a fused-ring system consisting of no more than three rings where each of the rings is the same or different and is an aryl, heteroaryl, or cycloalkyl ring

wherein Rc-cycle is optionally substituted with up to four substituents independently selected from:

(1) C₁-C₆ alkyl optionally substituted with one, two or three substituents selected from the group consisting of C₁-C₃ alkyl, halogen, -OH, -SH, -C≡N, -CF₃, C₁-C₃ alkoxy, and -NR_{1-a}R_{1-b},

(2) C₂-C₆ alkenyl or alkynyl with one or two unsaturated bonds, optionally substituted with one, two or three substituents selected from the group consisting of -F, -Cl, -OH, -SH, -C≡N, -CF₃, C₁-C₃ alkoxy, and -NR_{1-a}R_{1-b},

(3) halogen,

(4) C_1-C_6 alkoxy,

(5) $-C_1-C_6$ alkoxy optionally substituted with one, two, or three of $-F$,

(6) $-NR_{N-6}R_{N-7}$ where R_{N-6} and R_{N-7} are the same or different and are selected from the group consisting of:

(a) $-H$,

(b) $-C_1-C_6$ alkyl optionally substituted with one substituent selected from the group consisting of:

(i) $-OH$, and

(ii) $-NH_2$,

(c) $-C_1-C_6$ alkyl optionally substituted with one to three $-F$, $-Cl$, $-Br$, or $-I$,

(d) $-C_3-C_7$ cycloalkyl,

(e) $-(C_1-C_2 \text{ alkyl})-(C_3-C_7 \text{ cycloalkyl})$,

(f) $-(C_1-C_6 \text{ alkyl})-O-(C_1-C_3 \text{ alkyl})$,

(g) $-C_2-C_6$ alkenyl with one or two double bonds,

(h) $-C_2-C_6$ alkynyl with one or two triple bonds,

(i) $-C_1-C_6$ alkyl chain with one double bond and one triple bond,

(j) aryl, and

(k) heteroaryl,

(7) $-OH$,

(8) $-C\equiv N$,

(9) C_3-C_7 cycloalkyl, optionally substituted with one, two or three substituents selected from the group consisting of $-F$, $-Cl$, $-OH$, $-SH$, $-C\equiv N$, $-CF_3$, C_1-C_3 alkoxy, and $-NR_{1-a}R_{1-b}$,

(10) $-CO-(C_1-C_4$ alkyl),

(11) $-SO_2-NR_{1-a}R_{1-b}$,

(12) $-CO-NR_{1-a}R_{1-b}$,

(13) $-SO_2-(C_1-C_4$ alkyl),

and when there is a saturated carbon atom in R_c -cycle

(14) oxo,

(15) oxime

(16) ketal rings of 5 to 7 members, and

(17) a spirocyclic ring having from 3 to 7 atoms

comprising carbon and when the ring size is 4-7 atoms optionally up to 2 of O, $S(O)_{(0-2)}$ and NR_a :

(III) $-(CR_{C-x}R_{C-y})_{0-4}$ -aryl-aryl ,

(IV) $-(CR_{C-x}R_{C-y})_{0-4}$ -aryl-heteroaryl ,

(V) $-(CR_{C-x}R_{C-y})_{0-4}$ - heteroaryl-aryl ,

(VI) $-(CR_{C-x}R_{C-y})_{0-4}$ - heteroaryl-heteroaryl ,

(VII) $-(CR_{C-x}R_{C-y})_{0-4}$ - aryl-heterocycle ,

(VIII) $-(CR_{C-x}R_{C-y})_{0-4}$ -heteroaryl-heterocycle ,

(IX) $-(CR_{C-x}R_{C-y})_{0-4}$ -heterocycle-aryl ,

(X) $-(CR_{C-x}R_{C-y})_{0-4}$ -heterocycle-heteroaryl ,

(XI) $-(CR_{C-x}R_{C-y})_{0-4}$ - heterocycle-heterocycle ,

(XII) $-[C(R_{C-1})(R_{C-2})]_{1-3}-[CO]_{0-1}-N-(R_{C-3})_2$ where each R_{C-1} is

the same or different and is selected from the group

consisting of H, C_{1-4} alkyl and C_{1-4} alkoxy,

where each R_{C-2} and R_{C-3} is independently selected from

(A) $-C_{1-C_6}$ alkyl optionally substituted with one, two

or three substituents selected from the group consisting of C_{1-C_3}

alkyl, -F, -Cl, -Br, -I, -OH, -SH, -C≡N, -CF₃, C_{1-C_6} alkoxy, -O-

phenyl, and $-NR_{1-a}R_{1-b}$,

(B) C_{2-C_6} alkenyl or alkynyl with one or two

unsaturated bonds, optionally substituted with one, two or three

substituents selected from the group consisting of C_{1-C_3} alkyl, -

F, -Cl, -Br, -I, -OH, -SH, -C≡N, -CF₃, C_{1-C_6} alkoxy, -O- phenyl,

and $-NR_{1-a}R_{1-b}$,

(C) $-(CH_2)_{1-2}-S(O)_{0-2}-C_{1-C_6}$ alkyl,

(D) $-(CH_2)_{0-4}-C_3-C_7$ cycloalkyl optionally substituted

with one, two or three substituents selected from the group

consisting of C_{1-C_3} alkyl, -F, -Cl, -Br, -I, -OH, -SH, -C≡N, -CF₃,

C_{1-C_6} alkoxy, -O- phenyl, and $-NR_{1-a}R_{1-b}$,

(E) $-(CH_2)_{0-4}-5-7$ membered heterocycle optionally

substituted with one, two or three substituents selected from

the group consisting of C_{1-C_3} alkyl, -F, -Cl, -Br, -I, -OH, -SH,

-C≡N, -CF₃, C_{1-C_6} alkoxy, -O- phenyl, oxo, and $-NR_{1-a}R_{1-b}$,

(XIII) $-CH(aryl)_2$ where each aryl is the same or different,

(XIV) $-\text{CH}(\text{heteroaryl})_2$ where each heteroaryl is the same or different and are as defined above,

(XVIII) $-\text{CH}(\text{aryl})(\text{heteroaryl})$;

wherein R_N is R'_{100} , $-(\text{CRR}')_{1-6}R'_{100}$, $-(\text{CRR}')_{0-6}R_{100}$, $-(\text{CRR}')_{1-6}-\text{O}-R'_{100}$, $-(\text{CRR}')_{1-6}-\text{S}-R'_{100}$, $-(\text{CRR}')_{1-6}-\text{C}(=\text{O})-\text{R}_{100}$, $-(\text{CRR}')_{1-6}-\text{SO}_2-\text{R}_{100}$, $-(\text{CRR}')_{1-6}-\text{NR}_{100}-\text{R}'_{100}$ or $-\text{SO}_2\text{R}'_{100}$, with the proviso that when R_N is $-\text{SO}_2\text{R}'_{100}$, X is not $-\text{S}(=\text{O})_n-$ or $-\text{C}(=\text{S})-$; wherein R_{100} and R'_{100} are independently aryl, heteroaryl, $-\text{aryl}-\text{W}-\text{aryl}$, $-\text{aryl}-\text{W}-\text{heteroaryl}$, $-\text{aryl}-\text{W}-\text{heterocyclyl}$, $-\text{heteroaryl}-\text{W}-\text{aryl}$, $-\text{heteroaryl}-\text{W}-\text{heteroaryl}$, $-\text{heteroaryl}-\text{W}-\text{heterocyclyl}$, $-\text{heterocyclyl}-\text{W}-\text{heteroaryl}$, $-\text{heterocyclyl}-\text{W}-\text{heterocyclyl}$, $-\text{CH}[(\text{CH}_2)_{0-2}-\text{O}-R_{150}]$ $-(\text{CH}_2)_{0-2}-\text{aryl}$, $-\text{CH}[(\text{CH}_2)_{0-2}-\text{O}-R_{150}]$ $-(\text{CH}_2)_{0-2}-\text{heterocyclyl}$ or $-\text{CH}[(\text{CH}_2)_{0-2}-\text{O}-R_{150}]$ $-(\text{CH}_2)_{0-2}-\text{heteroaryl}$, where the ring portions of each are optionally substituted with 1, 2, or 3 groups independently selected from

$-\text{OR}$, $-\text{NO}_2$, halogen, $-\text{C}\equiv\text{N}$, $-\text{OCF}_3$, $-\text{CF}_3$, $-(\text{CH}_2)_{0-4}-\text{O}-\text{P}(=\text{O})(\text{OR})(\text{OR}')$, $-(\text{CH}_2)_{0-4}-\text{CO}-\text{NR}_{105}\text{R}'_{105}$, $-(\text{CH}_2)_{0-4}-\text{O}-(\text{CH}_2)_{0-4}-\text{CONR}_{102}\text{R}'_{102}$, $-(\text{CH}_2)_{0-4}-\text{CO}-\text{(C}_1\text{-C}_{12}\text{ alkyl)}$, $-(\text{CH}_2)_{0-4}-\text{CO}-\text{(C}_2\text{-C}_{12}\text{ alkenyl)}$, $-(\text{CH}_2)_{0-4}-\text{CO}-\text{(C}_2\text{-C}_{12}\text{ alkynyl)}$, $-(\text{CH}_2)_{0-4}-\text{CO}-\text{(C}_3\text{-C}_7\text{ cycloalkyl)}$, $-(\text{CH}_2)_{0-4}-\text{R}_{110}$, $-(\text{CH}_2)_{0-4}-\text{R}_{120}$, $-(\text{CH}_2)_{0-4}-\text{R}_{130}$, $-(\text{CH}_2)_{0-4}-\text{CO}-\text{R}_{110}$, $-(\text{CH}_2)_{0-4}-\text{CO}-\text{R}_{120}$, $-(\text{CH}_2)_{0-4}-\text{CO}-\text{R}_{130}$, $-(\text{CH}_2)_{0-4}-\text{CO}-\text{R}_{140}$, $-(\text{CH}_2)_{0-4}-\text{CO}-\text{O}-\text{R}_{150}$,

- $(CH_2)_{0-4}-SO_2-NR_{105}R'$ ₁₀₅, - $(CH_2)_{0-4}-SO-(C_1-C_8$ alkyl),
- $(CH_2)_{0-4}-SO_2-(C_1-C_{12}$ alkyl), - $(CH_2)_{0-4}-SO_2-(CH_2)_{0-4}-(C_3-C_7$
cycloalkyl), - $(CH_2)_{0-4}-N(R_{150})-CO-O-R_{150}$, - $(CH_2)_{0-4}-N(R_{150})-$
 $CO-N(R_{150})_2$, - $(CH_2)_{0-4}-N(R_{150})-CS-N(R_{150})_2$, - $(CH_2)_{0-4}-N(R_{150})-$
 $CO-R_{105}$, - $(CH_2)_{0-4}-NR_{105}R'$ ₁₀₅, - $(CH_2)_{0-4}-R_{140}$, - $(CH_2)_{0-4}-O-CO-$
 $(C_1-C_6$ alkyl), - $(CH_2)_{0-4}-O-P(O)-O-R_{110}$ ₂, - $(CH_2)_{0-4}-O-CO-$
 $N(R_{150})_2$, - $(CH_2)_{0-4}-O-CS-N(R_{150})_2$, - $(CH_2)_{0-4}-O-(R_{150})$,
- $(CH_2)_{0-4}-O-R_{150}'-COOH$, - $(CH_2)_{0-4}-S-(R_{150})$, - $(CH_2)_{0-4}-$
 $N(R_{150})-SO_2-R_{105}$, - $(CH_2)_{0-4}-C_3-C_7$ cycloalkyl, $(C_2-$
 $C_{10})$ alkenyl, and (C_2-C_{10}) alkynyl, or

R_{100} is C_1-C_{10} alkyl optionally substituted with 1, 2, or 3 R_{115} groups, or

R_{100} is - $(C_1-C_6$ alkyl) - $O-C_1-C_6$ alkyl) or - $(C_1-C_6$ alkyl) - $S-(C_1-C_6$ alkyl), each C_1-C_6 alkyl is optionally substituted with 1, 2, or 3 R_{115} groups, or

R_{100} is C_3-C_8 cycloalkyl optionally substituted with 1, 2, or 3 R_{115} groups;

W is a bond, - $(CH_2)_{1-4}-$, - $O-$, - $S(O)_{0-2}-$, - $N(R_{135})-$, - $CR(OH)-$ or - $C(O)-$;

R_{102} and R_{102}' independently are hydrogen, or

C_1-C_{10} alkyl optionally substituted with 1, 2, or 3 groups that are independently halogen, aryl or $-R_{110}$;

R_{105} and R'_{105} independently are $-H$, $-R_{110}$, $-R_{120}$, C_3-C_7 cycloalkyl, $-(C_1-C_2$ alkyl $)-(C_3-C_7$ cycloalkyl), $-(C_1-C_6$ alkyl $)-O-(C_1-C_3$ alkyl), C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_1-C_6 alkyl chain with one double bond and one triple bond, C_1-C_6 alkyl optionally substituted with $-OH$ or $-NH_2$, or C_1-C_6 alkyl optionally substituted with 1, 2, or 3 halogens, or

R_{105} and R'_{105} together with the atom to which they are attached form a 3 to 7 membered carbocyclic ring, where one member is optionally a heteroatom selected from $-O-$, $-S(O)_{0-2-}$, $-N(R_{135})-$, the ring being optionally substituted with 1, 2 or three R_{140} groups;

R_{115} at each occurrence is independently halogen, $-OH$, $-CO_2R_{102}$, $-C_1-C_6$ thioalkoxy, $-CO_2$ -phenyl, $-NR_{105}R'_{135}$, $-SO_2-(C_1-C_8$ alkyl), $-C(=O)R_{180}$, R_{180} , $-CONR_{105}R'_{105}$, $-SO_2NR_{105}R'_{105}$, $-NH-CO-(C_1-C_6$ alkyl), $-NH-C(=O)-OH$, $-NH-C(=O)-OR$, $-NH-C(=O)-O$ -phenyl, $-O-C(=O)-(C_1-C_6$ alkyl), $-O-C(=O)$ -amino, $-O-C(=O)$ -mono- or dialkylamino, $-O-C(=O)$ -phenyl, $-O-(C_1-C_6$ alkyl)- CO_2H , $-NH-SO_2-(C_1-C_6$ alkyl), C_1-C_6 alkoxy or C_1-C_6 haloalkoxy;

R_{135} is C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, C_3-C_7 cycloalkyl, $-(CH_2)_{0-2-}$ (aryl), $-(CH_2)_{0-2-}$ (heteroaryl), or $-(CH_2)_{0-2-}$ (heterocyclic);

R_{140} is heterocyclyl optionally substituted with 1, 2, 3, or 4 groups independently selected from C_1 - C_6 alkyl, C_1 - C_6 alkoxy, halogen, hydroxy, cyano, nitro, amino, mono(C_1 - C_6) alkylamino, di(C_1 - C_6) alkylamino, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 haloalkyl, C_1 - C_6 haloalkoxy, amino(C_1 - C_6) alkyl, mono(C_1 - C_6) alkylamino(C_1 - C_6) alkyl, di(C_1 - C_6) alkylamino(C_1 - C_6) alkyl, and =O;

R_{150} is hydrogen, C_3 - C_7 cycloalkyl, -(C_1 - C_2 alkyl)-(C_3 - C_7 cycloalkyl), C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 alkyl with one double bond and one triple bond, $-R_{110}$, $-R_{120}$, or C_1 - C_6 alkyl optionally substituted with 1, 2, 3, or 4 groups independently selected from -OH, -NH₂, C_1 - C_3 alkoxy, R_{110} , and halogen;

R_{150}' is C_3 - C_7 cycloalkyl, -(C_1 - C_3 alkyl)-(C_3 - C_7 cycloalkyl), C_2 - C_6 alkenyl, C_2 - C_6 alkynyl, C_1 - C_6 alkyl with one double bond and one triple bond, $-R_{110}$, $-R_{120}$, or C_1 - C_6 alkyl optionally substituted with 1, 2, 3, or 4 groups independently selected from -OH, -NH₂, C_1 - C_3 alkoxy, R_{110} , and halogen;

R_{180} is selected from morpholinyl, thiomorpholinyl, piperazinyl, piperidinyl, homomorpholinyl, homothiomorpholinyl, homothiomorpholinyl S-oxide, homothiomorpholinyl S,S-dioxide, pyrrolinyl and pyrrolidinyl, each of which is

optionally substituted with 1, 2, 3, or 4 groups independently selected from C₁-C₆ alkyl, C₁-C₆ alkoxy, halogen, hydroxy, cyano, nitro, amino, mono(C₁-C₆) alkylamino, di(C₁-C₆) alkylamino, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₁-C₆ haloalkyl, C₁-C₆ haloalkoxy, amino(C₁-C₆) alkyl, mono(C₁-C₆) alkylamino(C₁-C₆) alkyl, di(C₁-C₆) alkylamino(C₁-C₆) alkyl, and =O;

R₁₁₀ is aryl optionally substituted with 1 or 2 R₁₂₅ groups; R₁₂₅ at each occurrence is independently halogen, amino, mono- or dialkylamino, -OH, -C≡N, -SO₂-NH₂, -SO₂-NH-C₁-C₆ alkyl, -SO₂-N(C₁-C₆ alkyl)₂, -SO₂-(C₁-C₄ alkyl), -CO-NH₂, -CO-NH-C₁-C₆ alkyl, or -CO-N(C₁-C₆ alkyl)₂, or C₁-C₆ alkyl, C₂-C₆ alkenyl or C₂-C₆ alkynyl, wherein each C₁-C₆ alkyl, C₂-C₆ alkenyl or C₂-C₆ alkynyl is optionally substituted with 1, 2, or 3 groups that are independently selected from C₁-C₃ alkyl, halogen, -OH, -SH, -C≡N, -CF₃, C₁-C₃ alkoxy, amino, and mono- and dialkylamino, or C₁-C₆ alkoxy optionally substituted with one, two or three halogens;

R₁₂₀ is heteroaryl optionally substituted with 1 or 2 R₁₂₅ groups; and

R_{130} is heterocyclyl optionally substituted with 1 or 2 R_{125} groups;

R_2 is selected from the group consisting of H; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 substituents independently selected from the group consisting of C_1 - C_3 alkyl, halogen, -OH, -SH, -C≡N, -CF₃, C_1 - C_3 alkoxy, and -NR₁-_aR_{1-b}; wherein R_{1-a} and R_{1-b} are -H or C_1 - C_6 alkyl; -(CH₂)₀₋₄-aryl; -(CH₂)₀₋₄-heteroaryl; C_2 - C_6 alkenyl; C_2 - C_6 alkynyl; -CONR_{N-2}R_{N-3}; -SO₂NR_{N-2}R_{N-3}; -CO₂H; and -CO₂- (C₁-C₄ alkyl);

R_3 is selected from the group consisting of H; C_1 - C_6 alkyl optionally substituted with 1, 2, or 3 substituents independently selected from the group consisting of C_1 - C_3 alkyl, halogen, -OH, -SH, -C≡N, -CF₃, C_1 - C_3 alkoxy, and -NR₁-_aR_{1-b}; -(CH₂)₀₋₄-aryl; -(CH₂)₀₋₄-heteroaryl; C_2 - C_6 alkenyl; C_2 - C_6 alkynyl; -CO-NR_{N-2}R_{N-3}; -SO₂-NR_{N-2}R_{N-3}; -CO₂H; and -CO-O- (C₁-C₄ alkyl);

wherein

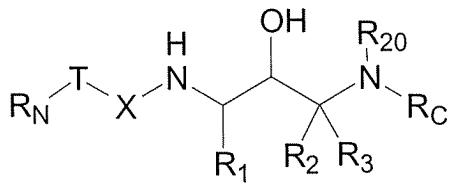
R_{N-2} and R_{N-3} at each occurrence are independently selected from the group consisting of - C_1 - C_8 alkyl optionally substituted with 1, 2, or 3 groups independently selected from the group consisting of -OH, -NH₂, phenyl and halogen; - C_3 - C_8 cycloalkyl; -(C₁-C₂ alkyl)- (C₃-C₈ cycloalkyl); -(C₁-C₆ alkyl)-O- (C₁-C₃

alkyl); -C₂-C₆ alkenyl; -C₂-C₆ alkynyl; -C₁-C₆ alkyl chain with one double bond and one triple bond; aryl; heteroaryl; and heterocycloalkyl; or R_{N-2}, R_{N-3} and the nitrogen to which they are attached form a 5, 6, or 7 membered heterocycloalkyl or heteroaryl group, wherein said heterocycloalkyl or heteroaryl group is optionally fused to a benzene, pyridine, or pyrimidine ring, and said groups are unsubstituted or substituted with 1, 2, 3, 4, or 5 groups that at each occurrence are independently C₁-C₆ alkyl, C₁-C₆ alkoxy, halogen, halo C₁-C₆ alkyl, halo C₁-C₆ alkoxy, -CN, -NO₂, -NH₂, NH(C₁-C₆ alkyl), N(C₁-C₆ alkyl)(C₁-C₆ alkyl), -OH, -C(O)NH₂, -C(O)NH(C₁-C₆ alkyl), -C(O)N(C₁-C₆ alkyl)(C₁-C₆ alkyl), C₁-C₆ alkoxy C₁-C₆ alkyl, C₁-C₆ thioalkoxy, and C₁-C₆ thioalkoxy C₁-C₆ alkyl; or

R₂, R₃ and the carbon to which they are attached form a carbocycle of three thru seven carbon atoms, wherein one carbon atom is optionally replaced by a group selected from -O-, -S-, -SO₂-, or -NR_{N-2}-.

2. (Canceled)

3. (Original) A compound according to claim 1 of the formula



or a pharmaceutically acceptable salt or ester thereof wherein R_C is selected from $-(CH_2)_{0-3}- (C_3-C_8)$ cycloalkyl wherein the cycloalkyl is optionally substituted with 1, 2, or 3 groups independently selected from $-R_{205}$; and $-CO_2- (C_1-C_4)$ alkyl; $-(CR_{245}R_{250})_{0-4}$ -aryl; $-(CR_{245}R_{250})_{0-4}$ -heteroaryl; $-(CR_{245}R_{250})_{0-4}$ -heterocycloalkyl; $-(CR_{245}R_{250})_{0-4}$ -aryl-heteroaryl; $-(CR_{245}R_{250})_{0-4}$ -aryl-heterocycloalkyl; $-(CR_{245}R_{250})_{0-4}$ -aryl-aryl; $-(CR_{245}R_{250})_{0-4}$ -heteroaryl-aryl; $-(CR_{245}R_{250})_{0-4}$ -heteroaryl-heteroaryl; $-CHR_{245}-CHR_{250}$ -aryl; $-(CR_{245}R_{250})_{0-4}$ -heterocycloalkyl-heteroaryl; $-(CR_{245}R_{250})_{0-4}$ -heterocycloalkyl-heterocycloalkyl; $-(CR_{245}R_{250})_{0-4}$ -heterocycloalkyl-aryl; a monocyclic or bicyclic ring of 5, 6, 7 8, 9, or 10 carbons fused to 1 or 2 aryl, heteroaryl, or heterocycloalkyl groups; wherein 1, 2 or 3 carbons of the monocyclic or bicyclic ring are optionally replaced with $-NH-$, $-N(CO)_{0-1}R_{215}-$, $-N(CO)_{0-1}R_{220}-$, $-O-$, or $-S(=O)_{0-2}-$, and wherein the monocyclic or bicyclic ring is optionally substituted with 1, 2 or 3 groups that are independently $-R_{205}$, $-R_{245}$, $-R_{250}$ or $=O$; and $-C_2-C_6$ alkenyl optionally substituted with 1, 2, or 3 R_{205} groups;

wherein each aryl or heteroaryl group attached directly or indirectly to the $-(CR_{245}R_{250})_{0-4}$ group is optionally substituted with 1, 2, 3 or 4 R_{200} groups;

wherein each heterocycloalkyl attached directly or indirectly to the $-(CR_{245}R_{250})_{0-4}$ group is optionally substituted with 1, 2, 3, or 4 R_{210} ;

R_{200} at each occurrence is independently selected from $-C_1-C_6$ alkyl optionally substituted with 1, 2, or 3 R_{205} groups; $-OH$; $-NO_2$; $-halogen$; $-C\equiv N$; $-(CH_2)_{0-4}-CO-NR_{220}R_{225}$; $-(CH_2)_{0-4}-CO-(C_1-C_8\text{ alkyl})$; $-(CH_2)_{0-4}-CO-(C_2-C_8\text{ alkenyl})$; $-(CH_2)_{0-4}-CO-(C_2-C_8\text{ alkynyl})$; $-(CH_2)_{0-4}-CO-(C_3-C_7\text{ cycloalkyl})$; $-(CH_2)_{0-4}-(CO)_{0-1}-aryl$; $-(CH_2)_{0-4}-(CO)_{0-1}-heteroaryl$; $-(CH_2)_{0-4}-(CO)_{0-1}-heterocycloalkyl$; $-(CH_2)_{0-4}-CO_2R_{215}$; $-(CH_2)_{0-4}-SO_2-NR_{220}R_{225}$; $-(CH_2)_{0-4}-S(O)_{0-2}-(C_1-C_8\text{ alkyl})$; $-(CH_2)_{0-4}-S(O)_{0-2}-(C_3-C_7\text{ cycloalkyl})$; $-(CH_2)_{0-4}-N(H\text{ or }R_{215})-CO_2R_{215}$; $-(CH_2)_{0-4}-N(H\text{ or }R_{215})-SO_2-R_{220}$; $-(CH_2)_{0-4}-N(H\text{ or }R_{215})-CO-N(R_{215})_2$; $-(CH_2)_{0-4}-N(-H\text{ or }R_{215})-CO-R_{220}$; $-(CH_2)_{0-4}-NR_{220}R_{225}$; $-(CH_2)_{0-4}-O-CO-(C_1-C_6\text{ alkyl})$; $-(CH_2)_{0-4}-O-(R_{215})$; $-(CH_2)_{0-4}-S-(R_{215})$; $-(CH_2)_{0-4}-O-(C_1-C_6\text{ alkyl})$ optionally substituted with 1, 2, 3, or 5 $-F$); $-C_2-C_6$ alkenyl optionally substituted with 1 or 2 R_{205} groups; $-C_2-C_6$ alkynyl optionally

substituted with 1 or 2 R₂₀₅ groups; adamantly, and - (CH₂)₀₋₄₋ C₃-C₇ cycloalkyl;

each aryl and heteroaryl group included within R₂₀₀ is optionally substituted with 1, 2, or 3 groups that are independently -R₂₀₅, -R₂₁₀ or -C₁-C₆ alkyl substituted with 1, 2, or 3 groups that are independently R₂₀₅ or R₂₁₀;

each heterocycloalkyl group included within R₂₀₀ is optionally substituted with 1, 2, or 3 groups that are independently R₂₁₀;

R₂₀₅ at each occurrence is independently selected from -C₁-C₆ alkyl, -C₂-C₆ alkenyl, -C₂-C₆ alkynyl, -C₁-C₆ haloalkoxy, - (CH₂)₀₋₃ (C₃-C₇ cycloalkyl), -halogen, - (CH₂)₀₋₆-OH, -O-phenyl, OH, SH, - (CH₂)₀₋₆-C≡N, - (CH₂)₀₋₆-C(=O)NR₂₃₅R₂₄₀, -CF₃, -C₁-C₆ alkoxy, C₁-C₆ alkoxy carbonyl, and -NR₂₃₅R₂₄₀;

R₂₁₀ at each occurrence is independently selected from -C₁-C₆ alkyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; -C₂-C₆ alkenyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; C₁-C₆ alkanoyl; -SO₂- (C₁-C₆ alkyl); -C₂-C₆ alkynyl optionally substituted with 1, 2, or 3 R₂₀₅ groups; -halogen; -C₁-C₆ alkoxy; -C₁-C₆ haloalkoxy; -NR₂₂₀R₂₂₅; -OH; -C≡N; -C₃-C₇ cycloalkyl optionally

substituted with 1, 2, or 3 R₂₀₅ groups; -CO- (C₁-C₄ alkyl); .SO₂-NR₂₃₅R₂₄₀; -CO-NR₂₃₅R₂₄₀; -SO₂- (C₁-C₄ alkyl); and =O;

R₂₁₅ at each occurrence is independently selected from -C₁-C₆ alkyl, -(CH₂)₀₋₂-(aryl), -C₂-C₆ alkenyl, --C₂-C₆ alkynyl, -C₃-C₇ cycloalkyl, -(CH₂)₀₋₂-(heteroaryl), and -(CH₂)₀₋₂-(heterocycloalkyl); wherein the aryl group included within R₂₁₅ is optionally substituted with 1, 2, or 3 groups that are independently -R₂₀₅ or -R₂₁₀; wherein the heterocycloalkyl and heteroaryl groups included within R₂₁₅ are optionally substituted with 1, 2, or 3 R₂₁₀;

R₂₂₀ at each occurrence is independently H, -C₁-C₆ alkyl, -CHO, hydroxy C₁-C₆ alkyl, C₁-C₆ alkoxy carbonyl, -amino C₁-C₆ alkyl, -SO₂-C₁-C₆ alkyl, C₁-C₆ alkanoyl optionally substituted with up to three halogens, -C(O)NH₂, -C(O)NH(C₁-C₆ alkyl), -C(O)N(C₁-C₆ alkyl) (C₁-C₆ alkyl), -halo C₁-C₆ alkyl, -(CH₂)₀₋₂-(C₃-C₇ cycloalkyl), -(C₁-C₆ alkyl)-O-(C₁-C₃ alkyl), -C₂-C₆ alkenyl, -C₂-C₆ alkynyl, -aryl, -heteroaryl, or -heterocycloalkyl; wherein the aryl, heteroaryl and heterocycloalkyl groups included within R₂₂₀

and R_{225} is optionally substituted with 1, 2, or 3 R_{270} groups,

R_{270} at each occurrence is independently $-R_{205}$, $-C_1-C_6$ alkyl optionally substituted with 1, 2, or 3 R_{205} groups; $-C_2-C_6$ alkenyl optionally substituted with 1, 2, or 3 R_{205} groups; $-C_2-C_6$ alkynyl optionally substituted with 1, 2, or 3 R_{205} groups; $-phenyl$; $-halogen$; $-C_1-C_6$ alkoxy; $-C_1-C_6$ haloalkoxy; $-NR_{235}R_{240}$; $-OH$; $-C\equiv N$; $-C_3-C_7$ cycloalkyl optionally substituted with 1, 2, or 3 R_{205} groups; $-CO-(C_1-C_4$ alkyl); $-SO_2-NR_{235}R_{240}$; $-CO-NR_{235}R_{240}$; $-SO_2-(C_1-C_4$ alkyl); and $=O$;

R_{235} and R_{240} at each occurrence are independently $-H$, $-C_1-C_6$ alkyl, C_2-C_6 alkanoyl, $-SO_2-(C_1-C_6$ alkyl), or $-phenyl$;

R_{245} and R_{250} at each occurrence are independently selected from H , $-(CH_2)_{0-4}CO_2C_1-C_4$ alkyl, $-(CH_2)_{0-4}C(=O)C_1-C_4$ alkyl, $-C_1-C_4$ alkyl, $-C_1-C_4$ hydroxyalkyl, $-C_1-C_4$ alkoxy, $-C_1-C_4$ haloalkoxy, $-(CH_2)_{0-4}C_3-C_7$ cycloalkyl, $-C_2-C_6$ alkenyl, $-C_2-C_6$ alkynyl, $-(CH_2)_{0-4}aryl$, $-(CH_2)_{0-4}$ heteroaryl, and $-(CH_2)_{0-4}$ heterocycloalkyl, or

R_{245} and R_{250} are taken together with the carbon to which they are attached to form a monocycle or bicycle of 3, 4, 5, 6, 7 or 8 carbon atoms, where 1, 2, or 3 carbon atoms are optionally

replaced by 1, 2, or 3 groups that are independently -O-, -S-, -SO₂-, -C(O)-, -NR₂₂₀-, or -NR₂₂₀R₂₂₀- wherein both R₂₂₀ groups are alkyl; and wherein the ring is optionally substituted with 1, 2, 3, 4, 5, or 6 groups that are independently C₁-C₄ alkyl, C₁-C₄ alkoxy, hydroxyl, NH₂, NH(C₁-C₆ alkyl), N(C₁-C₆ alkyl)(C₁-C₆ alkyl), -NH-C(O)C₁-C₅ alkyl, -NH-SO₂-(C₁-C₆ alkyl), or halogen; wherein the aryl, heteroaryl or heterocycloalkyl groups included within R₂₄₅ and R₂₅₀ are optionally substituted with 1, 2, or 3 groups that are independently halogen, C₁-₆ alkyl, CN or OH.

4. (Original) A compound according to claim 3, wherein R₁ is C₁-C₁₀ alkyl optionally substituted with 1 or 2 groups independently selected from halogen, -OH, =O, -CN, -CF₃, -OCF₃, -C₃-C₇ cycloalkyl, -C₁-C₄ alkoxy, amino, mono-dialkylamino, aryl, heteroaryl or heterocycloalkyl, wherein the aryl group is optionally substituted with 1 or 2 R₅₀ groups; R₅₀ is halogen, OH, CN, -CO-(C₁-C₄ alkyl), -NR₇R₈, C₁-C₆ alkyl, C₂-C₆ alkenyl, C₂-C₆ alkynyl, C₁-C₆ alkoxy, and C₃-C₈ cycloalkyl; R₇ and R₈ are selected from H; -C₁-C₄ alkyl optionally substituted with 1, 2, or 3 groups selected from

-OH, -NH₂ and halogen; -C₃-C₆ cycloalkyl; -(C₁-C₄ alkyl)-O-(C₁-C₄ alkyl); -C₂-C₄ alkenyl; and -C₂-C₄ alkynyl;

R_C is selected from -(CR₂₄₅R₂₅₀)₀₋₄-aryl; -(CR₂₄₅R₂₅₀)₀₋₄-heteroaryl; -(CR₂₄₅R₂₅₀)₀₋₄-heterocycloalkyl; where the aryl and heteroaryl groups attached to the -(CR₂₄₅R₂₅₀)₀₋₄- group are optionally substituted with 1, 2, 3 or 4 R₂₀₀ groups; where the heterocycloalkyl group attached to the -(CR₂₄₅R₂₅₀)₀₋₄ group is optionally substituted with 1, 2, 3, or 4 R₂₁₀ groups; and R₂₄₅, R₂₅₀, and R₂₁₀ are as defined above.

5. (Original) A compound according to claim 4, wherein R_C is -(CR₂₄₅R₂₅₀)₀₋₄-heterocycloalkyl; where the heterocycloalkyl group attached to the -(CR₂₄₅R₂₅₀)₀₋₄- group is optionally substituted with 1, 2, 3, or 4 R₂₁₀ groups, wherein R₂₄₅, R₂₅₀, and R₂₁₀ are as defined above.

6 (Original) A compound according to claim 5, wherein R₁ is C₁-C₁₀ alkyl substituted with one aryl group, where the aryl group is optionally substituted with 1 or 2 R₅₀ groups; R_C is -(CR₂₄₅R₂₅₀)₁₋₄-aryl or -(CR₂₄₅R₂₅₀)₁₋₄-heteroaryl, R₂₄₅ and R₂₅₀ are independently selected from H, -(CH₂)₀₋₄CO₂C₁-C₄ alkyl, -(CH₂)₀₋₄CO₂H, -C₁-C₄ alkyl, -(C₁-C₄ alkyl)OH, or

R_{245} , R_{250} and the carbon to which they are attached form a monocycle or bicycle of 3, 4, 5, 6, 7 or 8 carbon atoms, where 1 or 2 carbon atoms are optionally replaced by $-O-$, $-S-$, $-SO_2-$, or $-NR_{220}-$, where R_{220} is as defined above; and

wherein the aryl and heteroaryl groups attached to the $-(CR_{245}R_{250})_{1-4-}$ groups are optionally substituted with 1 or 2 R_{200} groups.

7. (Original) A compound according to claim 3, wherein R_C is $(CR_{245}R_{250})_1$ -aryl, where the aryl (preferably phenyl or naphthyl, more preferably phenyl) is optionally substituted with 1, 2, or 3 R_{200} groups; and

R_{245} is H and R_{250} is H or C_1-C_6 alkyl; or

R_{245} and R_{250} are independently C_1-C_3 alkyl (preferably both are methyl); or

$CR_{245}R_{250}$ represents a C_3-C_7 cycloalkyl group.

8. (Original) A compound according to claim 7, wherein the $(CR_{245}R_{250})_1$ -aryl is $(CR_{245}R_{250})_1$ -phenyl where the phenyl is optionally substituted with 1, 2, or 3 R_{200} groups.

9. (Original) A compound according to claim 8, wherein the phenyl in $(CR_{245}R_{250})_1$ -phenyl is substituted with 1-3 independently selected R_{200} groups, or

1 or 2 independently selected R_{200} groups, and
1 heteroaryl group optionally substituted with 1 R_{200} group or 1
phenyl group optionally substituted with 1 R_{200} group.

10. (Original) A compound according to claim 8, wherein R_{245}
is hydrogen and R_{250} is C_1 - C_3 alkyl.

11. (Original) A compound according to claim 8, wherein R_{245}
and R_{250} are both hydrogen.

12. (Previously presented) A compound according to claim 8,
wherein the phenyl in $(CR_{245}R_{250})_1$ -phenyl is substituted with
(a) 1 R_{200} group and 1 heteroaryl group, wherein the
heteroaryl is optionally substituted with 1 R_{200} group; or
(b) 1 R_{200} group and 1 phenyl group, wherein the 1 phenyl
group is optionally substituted with 1 R_{200} group; or
(c) 1 R_{200} group and 1 heterocycloalkyl group wherein the
heterocycloalkyl group is optionally substituted with 1 R_{200}
group or =O.

13. (Original) A compound according to claim 12, wherein
 $CR_{245}R_{250}$ represents a C_3 - C_7 cycloalkyl group.

14. (Original) A compound according to claim 12, wherein
 $CR_{245}R_{250}$ represents a C_5 - C_7 cycloalkyl group.

15. (Original) A compound according to claim 12, wherein
 $CR_{245}R_{250}$ represents a C_3 - C_6 cycloalkyl group.

16. (Original) A compound according to claim 12, wherein
 $CR_{245}R_{250}$ represents a C_6 cycloalkyl.

17. (Previously presented) A compound according to claim 8,
wherein the phenyl in $(CR_{245}R_{250})_1$ -phenyl is substituted with
1 R_{200} group; or
1 R_{200} group and one heteroaryl group wherein the heteroaryl
group is optionally substituted with
1 R_{200} group or
1 R_{200} group and 1 phenyl group wherein the 1
phenyl group is optionally substituted with one R_{200}
group.

18. (Original) A compound according to claim 8, wherein the
phenyl in $(CR_{245}R_{250})_1$ -phenyl is substituted with 1 R_{200} group.

19. (Previously presented) A compound selected from the
group consisting of:

methyl $(3S)$ -3- $\{[(2R,3S)-3-[(\text{anilinocarbonyl})\text{amino}]-4-(3,5\text{-difluorophenyl})-2\text{-hydroxybutyl}]\text{amino}\}$ -3- (3-bromophenyl) propanoate;

$N\text{-}((1S,2R)-1-(3,5\text{-difluorobenzyl})-3-\{[4-(3\text{-ethylphenyl})\text{tetrahydro-2H-pyran-4-yl}]\text{amino}\}-2\text{-hydroxypropyl})\text{-}N'\text{-phenylurea}$;

$N\text{-benzyl-}N'\text{-}((1S,2R)-1-(3,5\text{-difluorobenzyl})-3-\{[(4R)-6\text{-ethyl-}2,2\text{-dioxido-3,4-dihydro-1H-isothiochromen-4-yl}]\text{amino}\}-2\text{-hydroxypropyl})\text{urea}$;

$N\text{-}((1S,2R)-1-(3,5\text{-difluorobenzyl})-3-\{[(4R)-6\text{-ethyl-}2,2\text{-dioxido-3,4-dihydro-1H-isothiochromen-4-yl}]\text{amino}\}-2\text{-hydroxypropyl})\text{-}N'\text{-phenylurea}$;

$N\text{-}((1S,2R)-1-(3,5\text{-difluorobenzyl})-3-\{[(4R)-6\text{-ethyl-}2,2\text{-dioxido-3,4-dihydro-1H-isothiochromen-4-yl}]\text{amino}\}-2\text{-hydroxypropyl})\text{-}N'\text{-propylurea}$;

$N\text{-}(\text{sec-butyl})\text{-}N'\text{-}((1S,2R)-1-(3,5\text{-difluorobenzyl})-3-\{[(4R)-6\text{-ethyl-}2,2\text{-dioxido-3,4-dihydro-1H-isothiochromen-4-yl}]\text{amino}\}-2\text{-hydroxypropyl})\text{urea}$;

$N\text{-}\{((1S,2R)-1-(3,5\text{-difluorobenzyl})-3-[(6\text{-ethyl-}3,4\text{-dihydro-2H-chromen-4-yl})\text{amino}]-2\text{-hydroxypropyl})\text{-}N'\text{-phenylurea}$;

$N\text{-}\{((1S,2R)-1-(3,5\text{-difluorobenzyl})-2\text{-hydroxy-}3-[(6\text{-isopropyl-}3,4\text{-dihydro-2H-chromen-4-yl})\text{amino}]\text{propyl})\text{-}N'\text{-}$

phenylurea;

N-[(1*S*,2*R*)-1-(3,5-difluorobenzyl)-3-(6-[(dimethylamino)methyl]-3,4-dihydro-2*H*-chromen-4-yl)amino]-2-hydroxypropyl]-*N'*-phenylurea;

N-{(1*S*,2*R*)-1-(3,5-difluorobenzyl)-3-[(6-ethyl-3,4-dihydro-1*H*-isochromen-4-yl)amino]-2-hydroxypropyl}-*N'*-phenylurea;

N-{(1*S*,2*R*)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(6-isopropyl-3,4-dihydro-1*H*-isochromen-4-yl)amino]propyl}-*N'*-phenylurea;

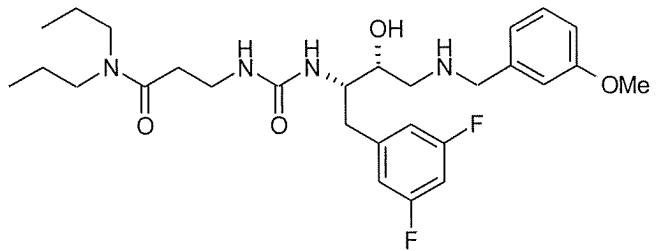
N-[(1*S*,2*R*)-1-(3,5-difluorobenzyl)-3-(6-[(dimethylamino)methyl]-3,4-dihydro-1*H*-isochromen-4-yl)amino]-2-hydroxypropyl]-*N'*-phenylurea;

*N*³-[({(1*S*,2*R*)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(3-methoxybenzyl)amino]propyl}amino)carbonyl]-*N*¹,*N*¹-dipropyl- β -alaninamide; and

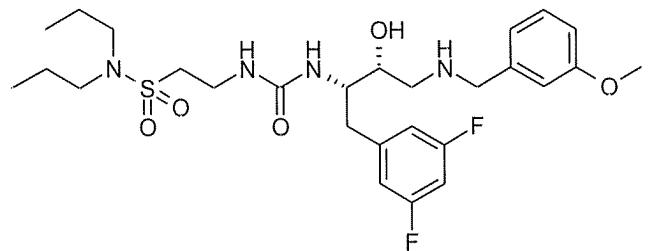
2-{[({(1*S*,2*R*)-1-(3,5-difluorobenzyl)-2-hydroxy-3-[(3-methoxybenzyl)amino]propyl}amino)carbonyl]amino}-*N,N*-dipropylethanesulfonamide.

20. (Canceled)

21. (Previously presented) A compound which has the formula:



or



or a pharmaceutically acceptable salt thereof.

22. (Withdrawn-currently amended) A method of treating a patient who has, ~~or in preventing a patient from getting, a disease or condition selected from the group consisting of~~ Alzheimer's disease, ~~for helping prevent or delay the onset of~~ Alzheimer's disease, ~~for treating patients with mild cognitive impairment (MCI) and preventing or delaying the onset of Alzheimer's disease in those who would progress from MCI to AD, for treating Down's syndrome, for treating humans who have Hereditary Cerebral Hemorrhage with Amyloidosis of the Dutch Type, for treating cerebral amyloid angiopathy and preventing its potential consequences,~~

i.e. single and recurrent lobar hemorrhages, for treating other degenerative dementias, including dementias of mixed vascular and degenerative origin, dementia associated with Parkinson's disease, dementia associated with progressive supranuclear palsy, dementia associated with cortical basal degeneration, diffuse Lewy body type of Alzheimer's disease and who is in need of such treatment which comprises administration of a therapeutically effective amount of a compound selected from the group consisting of a substituted aminoalcohol of the formula (I), or a pharmaceutically acceptable salt or ester thereof, wherein X, T, R₂₀, R₁, R₂, R₃, R_N and R_C are as defined in of claim 1 or a pharmaceutically acceptable salt or ester thereof.

23. (Canceled)

24. (Previously presented) The compound according to claim 1 that is 3-((2S,3R)-1-(3,5-difluorophenyl)-4-(1-(3-ethylphenyl)butylamino)-3-hydroxybutan-2-yl)ureido)-N,N-dipropylpropanamide.